

ABSTRACT

A small diameter delivery device capable of delivering a tissue loaded scaffold arthroscopically to a tissue defect or injury site without reducing the pressure at the injury site is provided. The scaffold delivery device of the present invention comprises a plunger system that includes two main components: an insertion tube and an insertion rod. The insertion tube has a flared proximal end for holding a tissue scaffold prior to delivery. An elongate, hollow body extends from the flared proximal end to a distal end of the insertion tube, and defines a passageway that extends through the body for delivery of the tissue scaffold. The insertion rod has an elongate body that extends into a handle at a proximal end and a tip at a distal end. The insertion rod is configured to be removably disposed within the insertion tube for sliding along the passageway to effect delivery of the tissue scaffold through the insertion tube.

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